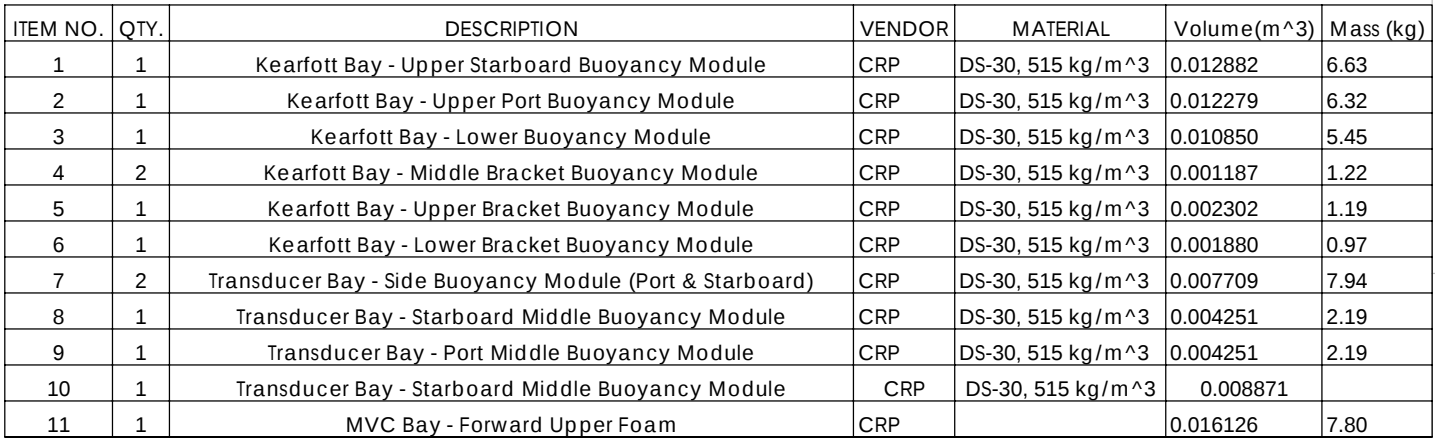
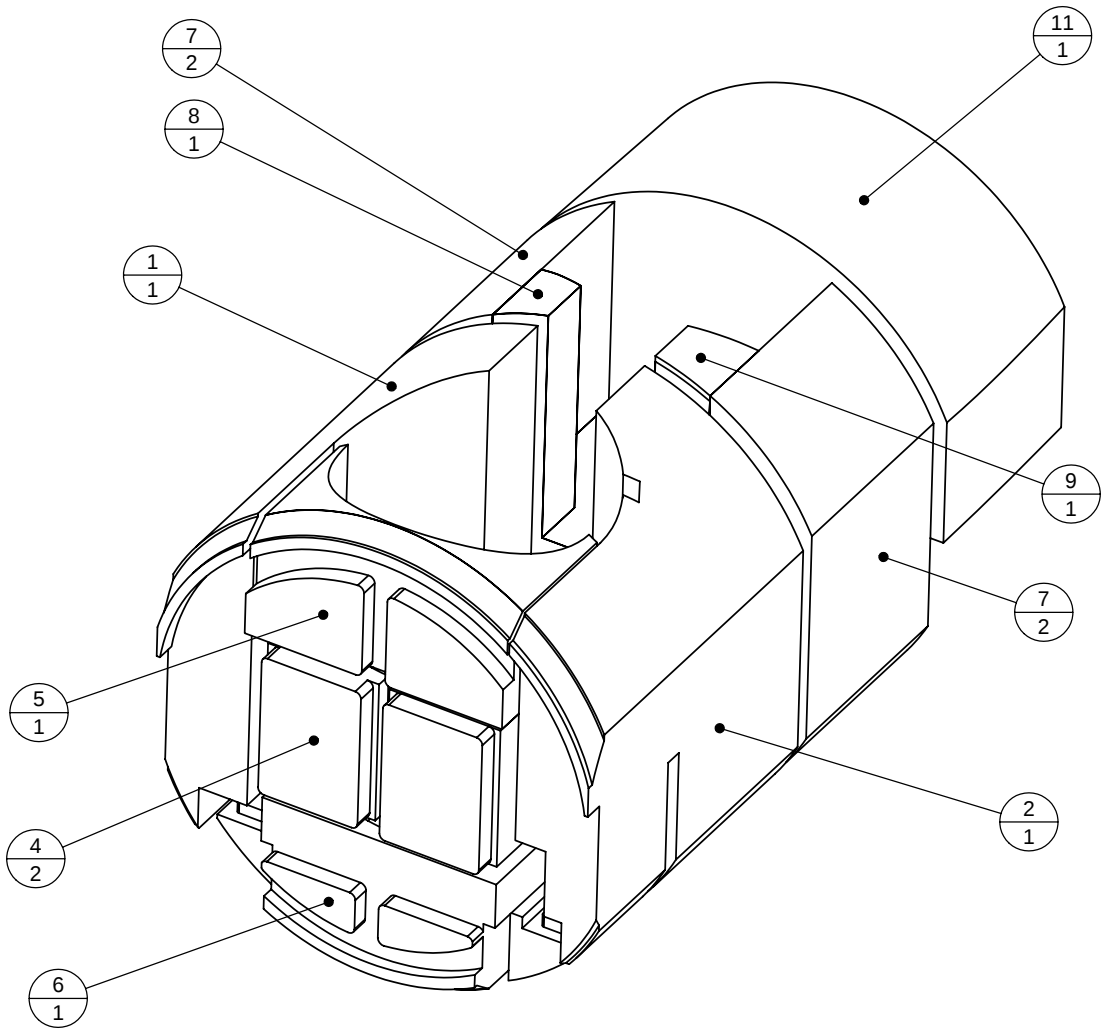
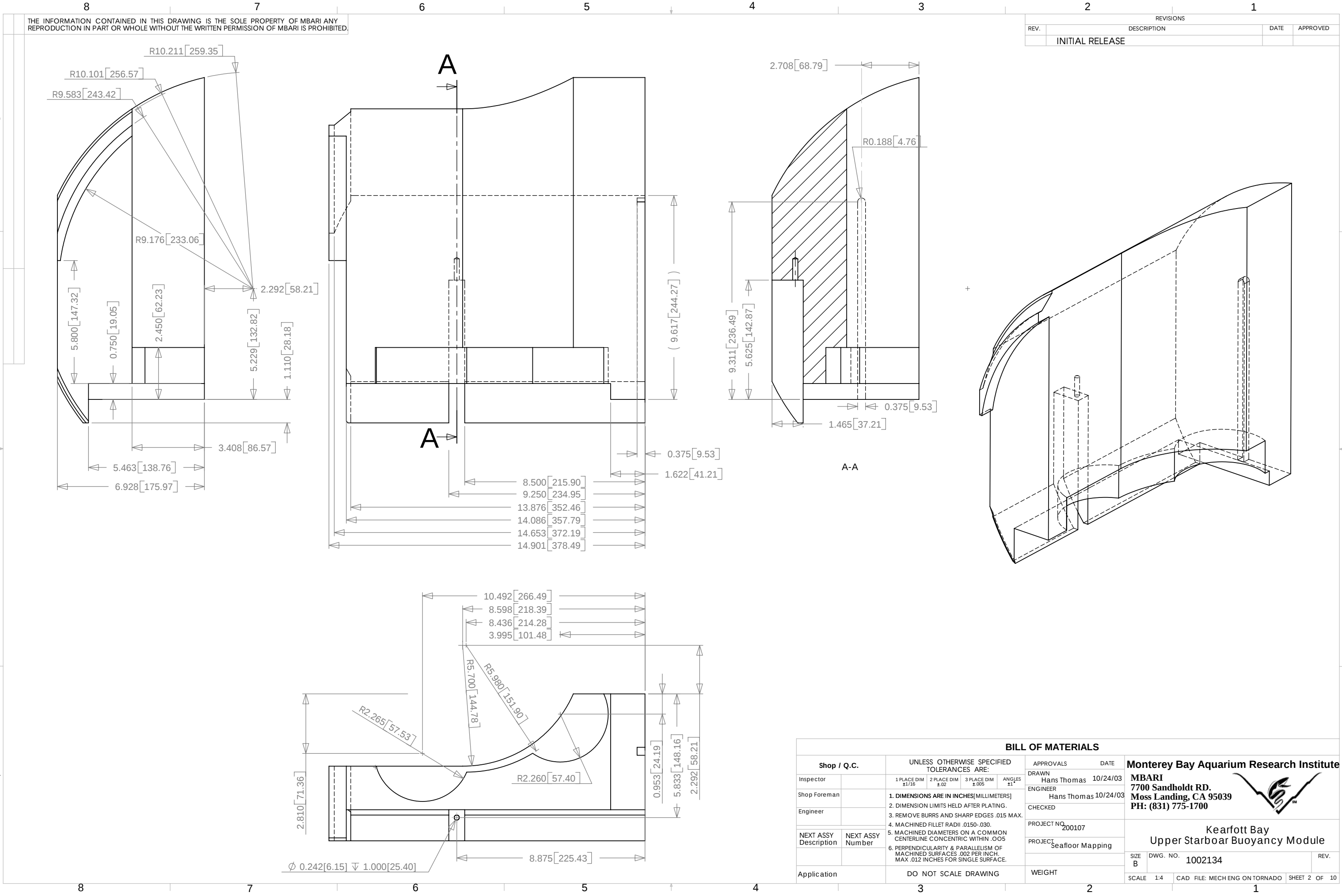


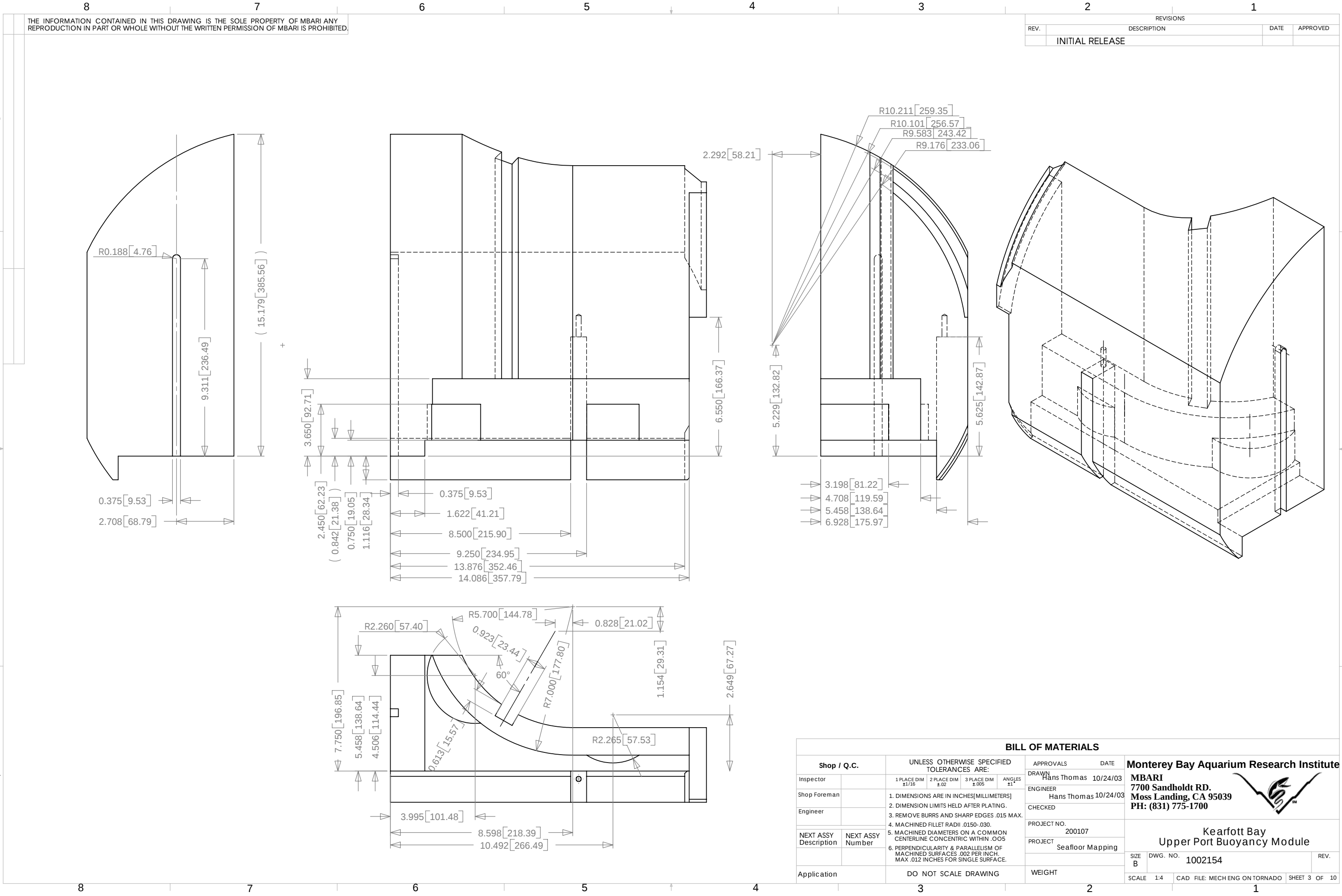


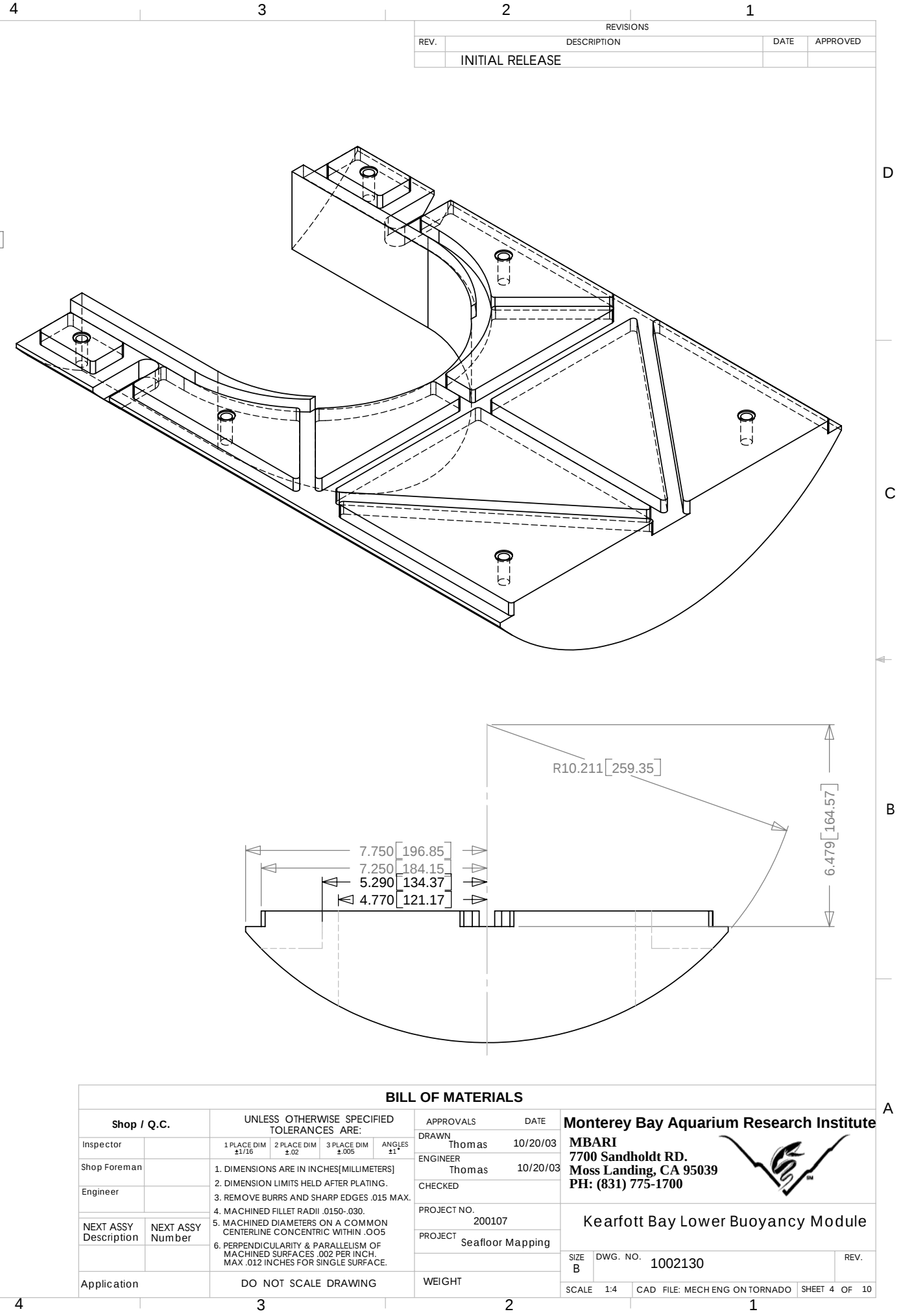
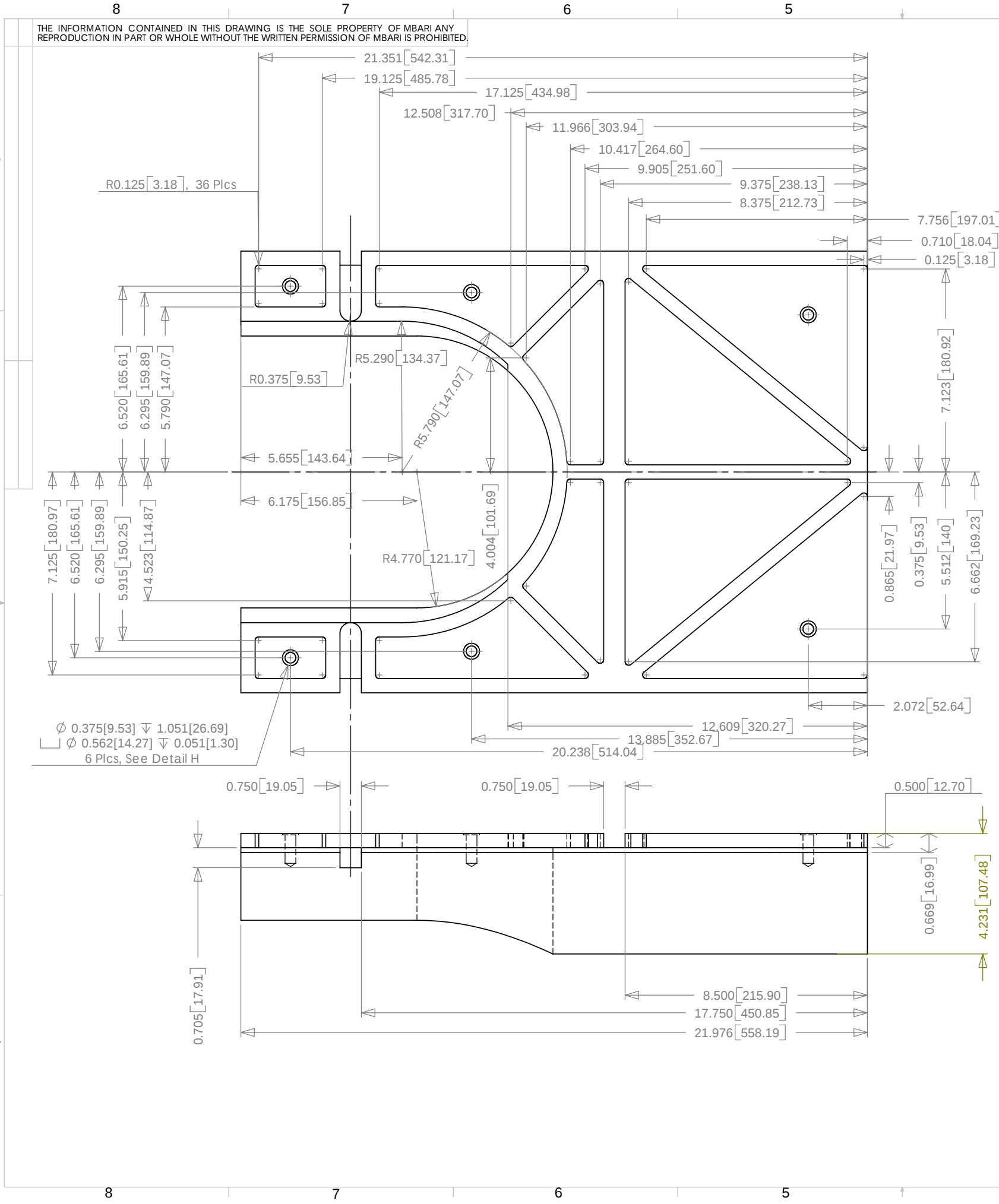
Monterey Bay Aquarium Research Institute

MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700			
Seafloor Mapping Tail - Syntactic Foam Assembly			
SIZE B	DWG. NO. 1002155	REV.	
SCALE 1:7	CAD FILE:	MECH ENG ON TORNADO	SHEET 1 OF 10

Seafloor Mapping Tail - Syntactic Foam Assembly







BILL OF MATERIALS									
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE	
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	Thomas	10/20/03	
Shop Foreman		1. DIMENSIONS ARE IN INCHES[MILLIMETERS] 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADII .0150-.030. 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.				ENGINEER	Thomas	10/20/03	
Engineer						CHECKED			
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.	200107		
						PROJECT	Seafloor Mapping		
Application		DO NOT SCALE DRAWING				WEIGHT			
		SCALE 1:4		CAD FILE: MECH ENG ON TORNADO		SHEET 4 OF 10			

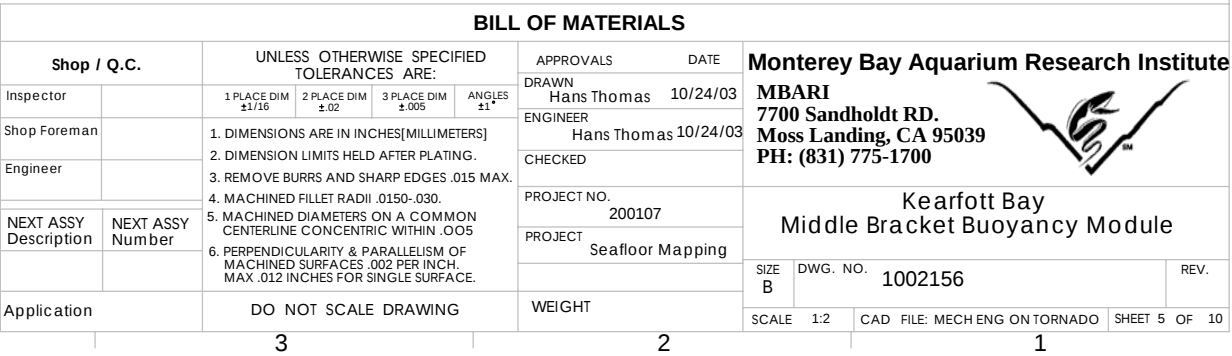
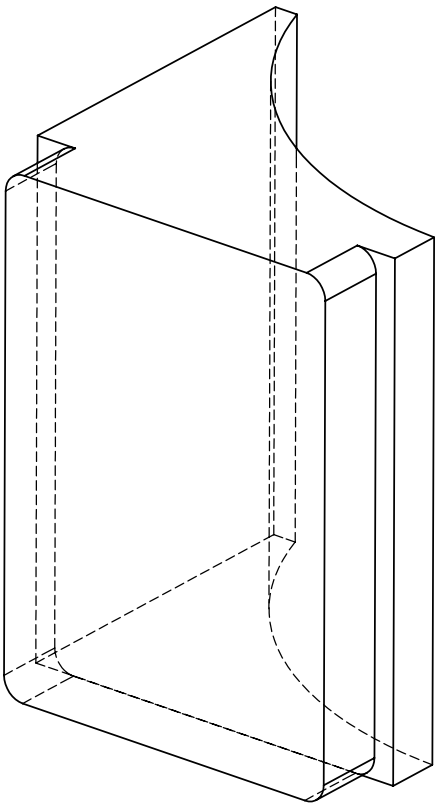
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
INITIAL RELEASE			

Monterey Bay Aquarium Research Institute
MBARI
7700 Sandholdt RD.
Moss Landing, CA 95039
PH: (831) 775-1700



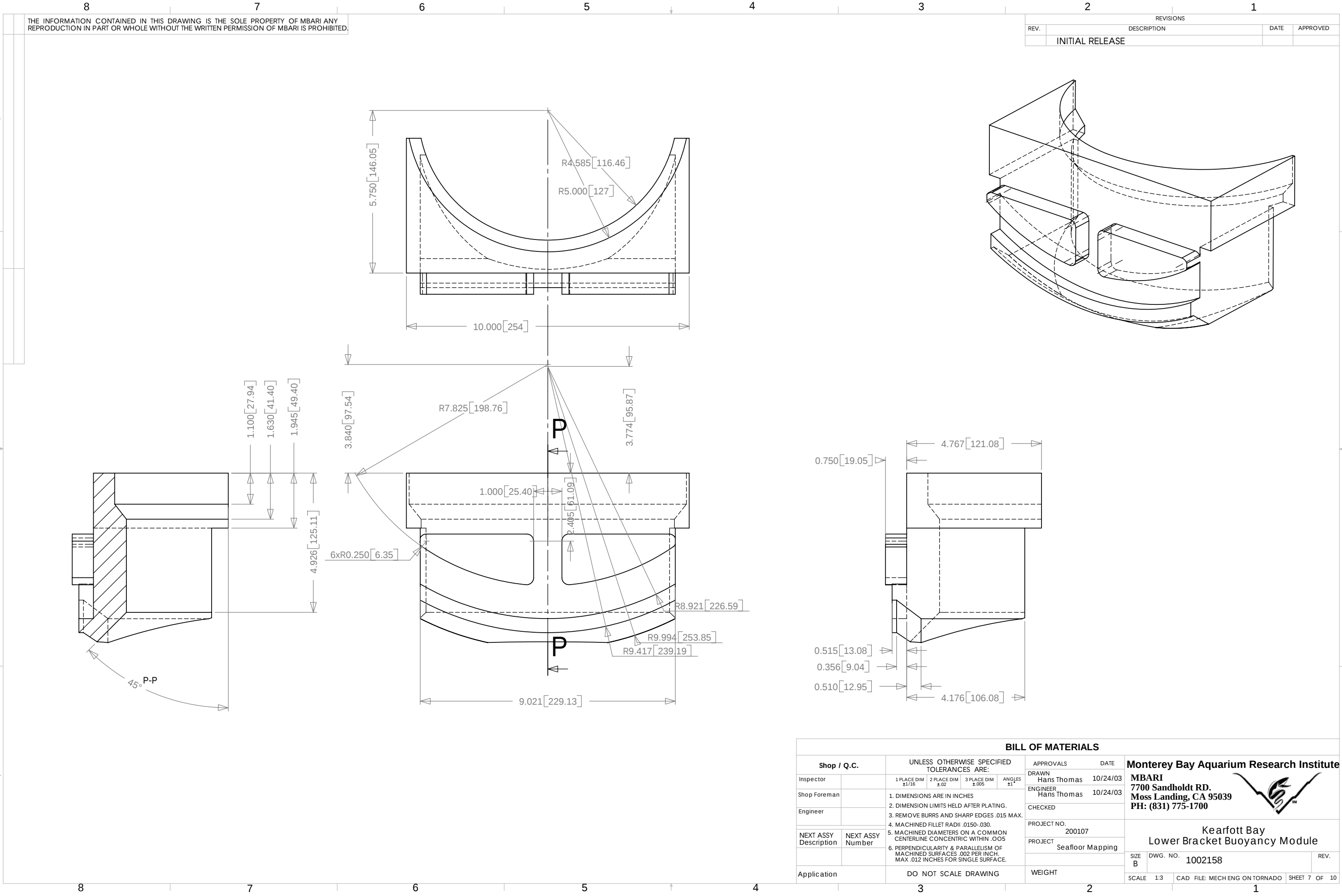
Kearfott Bay Lower Buoyancy Module

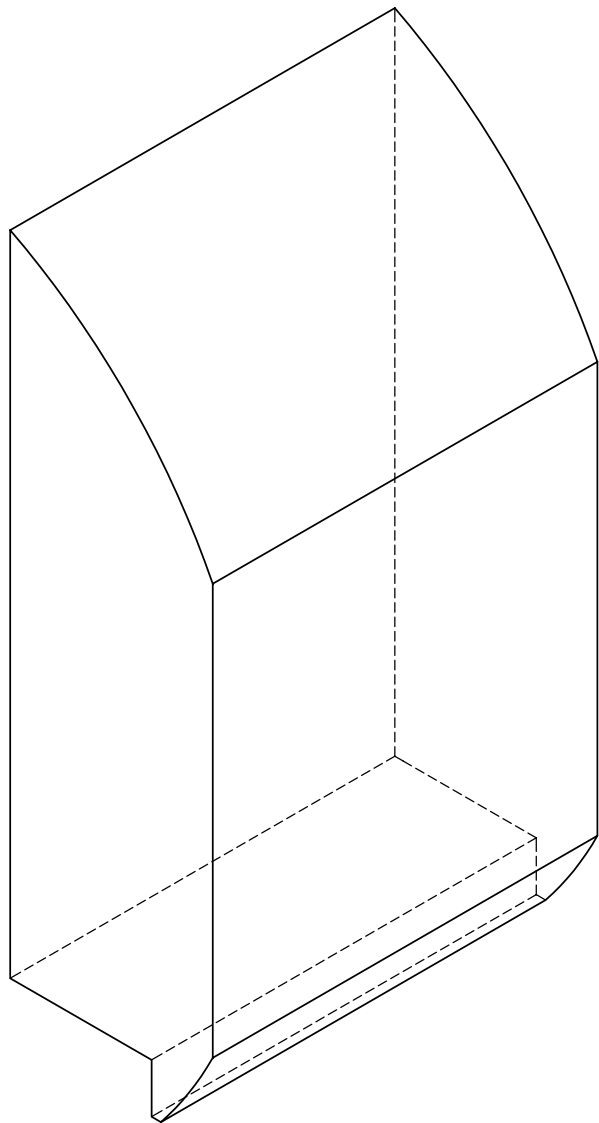
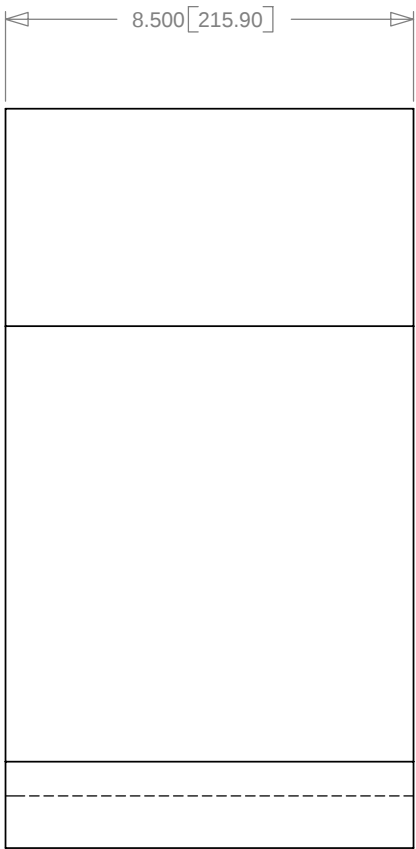
SIZE B DWG. NO. 1002130 REV.





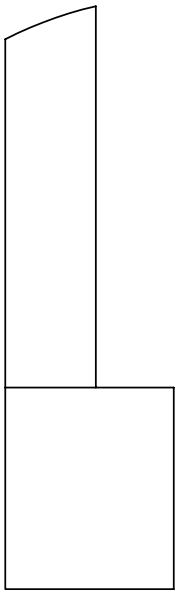
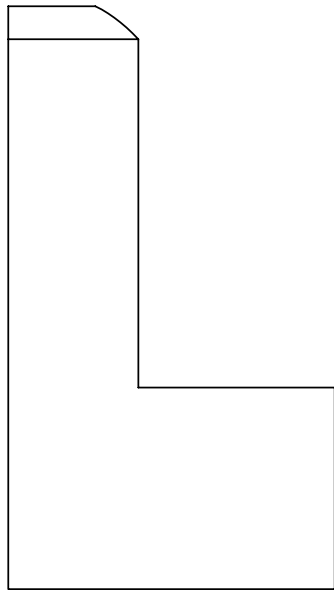
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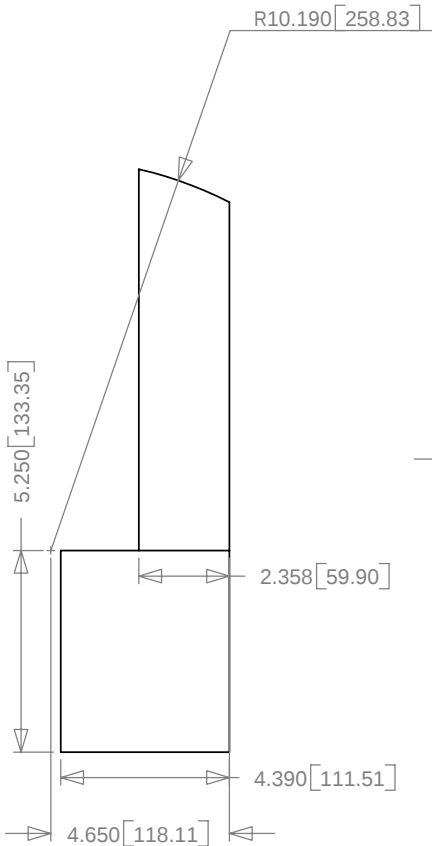
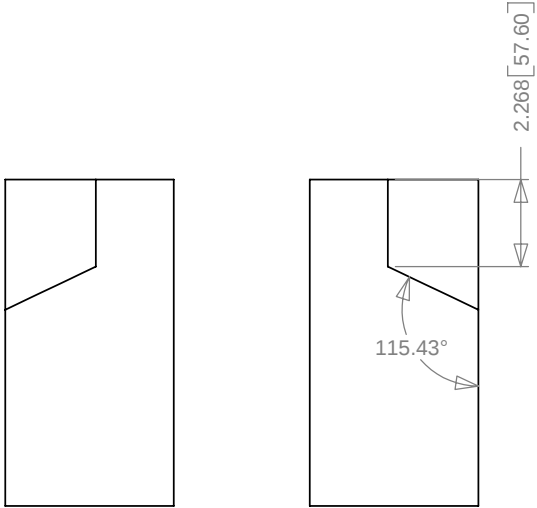


Isometric View, 1:3 Scale

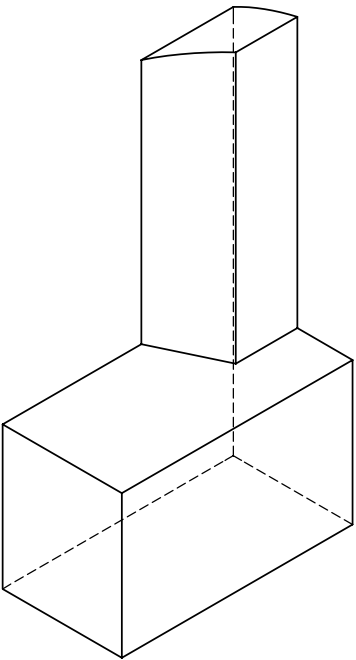
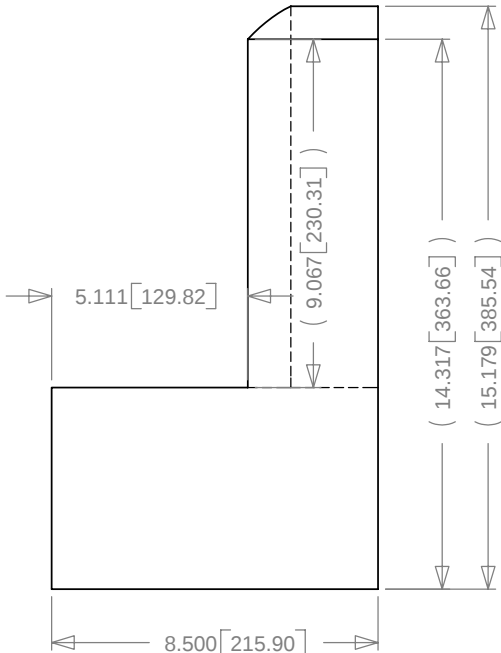
BILL OF MATERIALS											
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE		Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700 	
Inspector		1 PLACE DIM ±1/32	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN Hans Thomas	10/24/03	ENGINEER Hans Thomas	10/24/03		
Shop Foreman		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADI. 0150-030. 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.				CHECKED	PROJECT NO. 200107 PROJECT Seafloor Mapping		Transducer Bay Side Buoyancy Module (P&S)		
Engineer											
NEXT ASSY Description	NEXT ASSY Number										
Application		DO NOT SCALE DRAWING				WEIGHT		SIZE B		DWG. NO. 1002159	REV.
		3				2		SCALE 1:4		CAD FILE: MECH ENG ON TORNADO SHEET 8 OF 10	1



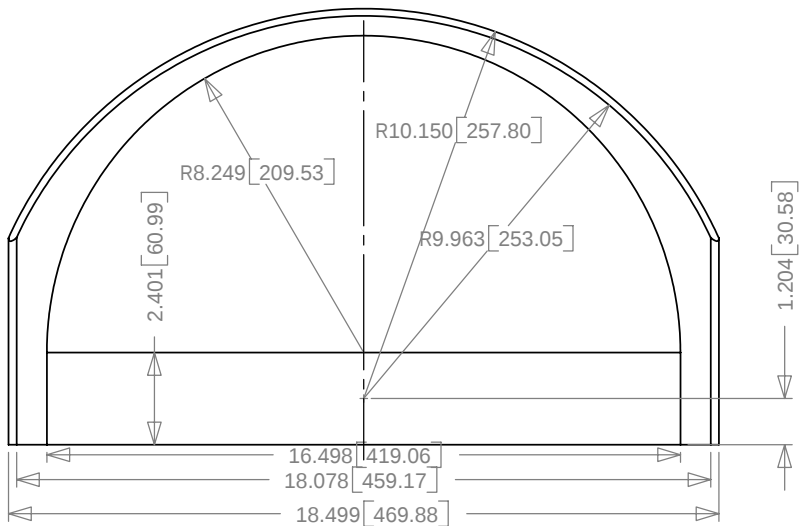
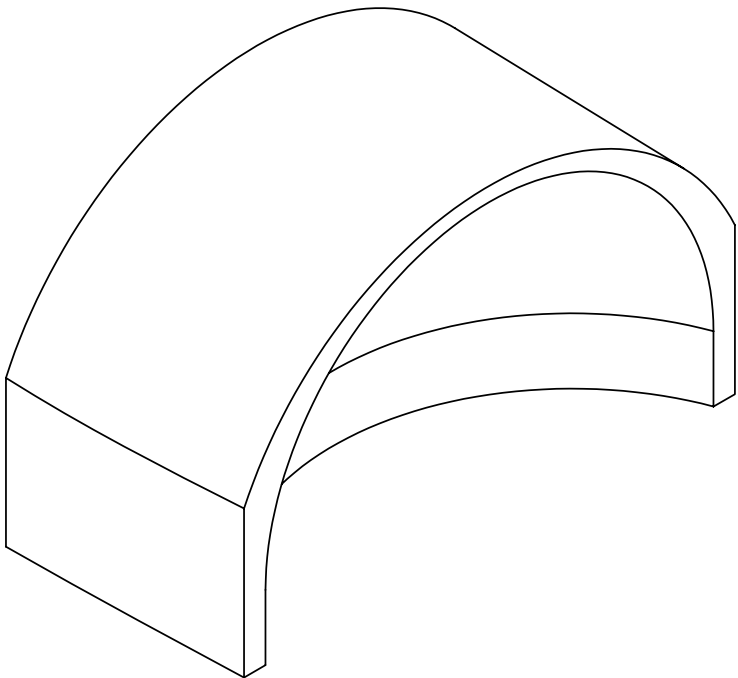
Port Buoyancy Module



Starboard Buoyancy Module



BILL OF MATERIALS												
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE		Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700 		
Inspector		1 PLACE DIM ±1/32	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN Hans Thomas	10/24/03					
Shop Foreman		1. DIMENSIONS ARE IN INCHES				ENGINEER Hans Thomas	10/24/03		Transducer Bay Port & Starboard Middle Buoyancy Modul			
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.				CHECKED						
NEXT ASSY Description	NEXT ASSY Number	3. REMOVE BURRS AND SHARP EDGES .015 MAX.				PROJECT NO.						
		4. MACHINED FILET RADII .0150-.030.				200107						
		5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005				PROJECT						
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH MAX .012 INCHES FOR SINGLE SURFACE.				Seafloor Mapping		SIZE B		DWG. NO. 1002160		REV.
Application		DO NOT SCALE DRAWING				WEIGHT		SCALE 1:5		CAD FILE: MECH ENG ON TORNADO		SHEET 9 OF 10



BILL OF MATERIALS											
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE		Monterey Bay Aquarium Research Institute	
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN Hans Thomas	10/24/03		MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700		
Shop Foreman		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADII .0150-.030. 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH MAX .012 INCHES FOR SINGLE SURFACE.				ENGINEER Hans Thomas	10/24/03				
Engineer						CHECKED					
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO. 200107					
						PROJECT Seafloor Mapping		MVC Bay Forward Upper Foam			
								SIZE B	DWG. NO.	1002161	
										REV.	
Application		DO NOT SCALE DRAWING				WEIGHT					
		3				2		SCALE 1:5		CAD FILE: MECH ENG ON TORNADO	
										SHEET 10 OF 10	
								1			